Jesse Geens
Software Engineer

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About me

Graduate in Computer Science from the University of Leuven (KU Leuven). Passionate about engineering, people and business, with technical interests in distributed computing and privacy-enhancing technologies. Entrepreneurial, ambitious, social and internationally minded.

Skills

Programming

Java

Flutter (Dart)

TypeScript (NodeJS)

Golang

Python

Languages

Dutch	Mother tongue
English	Advanced
French	Fluent
Spanish	Notions

Other

Git, LaTeX, Arduino, Linux, ...

🎓 Education

2020-2022	MSc Engineering: Computer Science	KU Leuven

Major in Distributed Systems, member of the Education Committee
Magna Cum Laude

2021-2022	MSc Computer Engineering	Budapest University of Technology

Erasmus+ Exchange

2019-2021	KICK Academy	KU Leuven

Academic curriculum focussed on intra- & entrepreneurship

2016-2020	BSc Informatics	KU Leuven

Minor in Business & Innovation

💼 Experience

Current — Co-Founder & Developer — TapToChill
- Building a social platform to easily meet up with friends
- Developing the entire back-end of the app using Dart/Flutter, Firebase and Google Cloud Platform
- Won the SST Pitch Competion, participated in the university's KICK Incubator and presented at our local tech conference: and&

11/2020-04/2021 — Linux Development Intern — VersaSense
- Developed a custom embedded linux distribution for SMIP gateways using Yocto and OpenEmbedded
- Wrote custom bitbake recipes using systemd, docker and bash

06/2020-08/2020 — Software Engineering Intern — VersaSense
- Wrote several microservices for VersaSense's leading Industrial IoT Cloud using Golang
- Used technologies such as Docker, Redis, Prometheus, Protocol Buffers, MQTT, Kubernetes, Kafka, Influxdb, ...

08/2018-12/2020 — Student-Entrepreneur — BVG Electronics
- Performed small electronics repairs, IT Infrastructure installation and small B2B software consultancy projects

🚀 Extracurricular

2018-2021 — Hackathon Co-organiser — BEST Leuven
- Co-organiser of both the 2018/19 and 2020/21 edition of our beginner-oriented hackathon, welcoming over 100 participants
- Developed challenges in Python, set up an automated submission system (running on Docker on DigitalOcean)

2018-2020 — IT Responsible — BEST Leuven
- Making sure that all IT-related infrastructure is up and running and maintaining it, including our website

2019-2020 — International Responsible — Wina Leuven
- Responsible for managing a team of 5 persons
- In charge of all international activities of our student union
- Member of the core praesidium and the board of directors (RvB)

👤 Other information

- My team and I were finalists in WhatTheHack 2019, Belgium's largest student hackathon. We won the banking challenge and did this by building a facial recognition system for wireless payments using OpenCV.
- My team and I participated in the finals of the CyberSecurity Challenge Belgium, reaching place 23 out of 225 participating teams during the qualifiers. We also won this year's edition of the Ulyssis CTF, with 100 participants.
- For my master's thesis, I'm working on improving privacy and authentication for data aggregation in the Solid protocol, mainly using TypeScript.
- I am an avid practicer of judo, having obtained the first Kyu grade.
- Apart from that, I also like to spend my time reading books. You can see which ones at goodreads.com/jessegeens.